KRAMER & ASSOCIATES, P.C.
ATTORNEYS AT LAW
CRYSTAL PLAZA ONE
2001 JEFFERSON DAVIS HIGHWAY
SUITE 1101
ARLINGTON, VIRGINIA 22202

(703) 413-5000
FACSIMILE (703) 413-5048

Fax Memo

TO: Ms. Kim Gaskins
ALCATEL

FAX NO.: 202-715-3715

FROM: Terry Kramer

DATE: August 11, 2000

DOCKET: 132,427

PAGES: INCLUDING COVER PAGE 4

Please find the following search report for reference number listed above.

May 5, 2000

John J. Sideris, Esq.
ALCATEL
1909 K Street, N.W., Suite 800
Washington, D.C. 20006

RE: Patentability Search
For: **A FEEDBACK-BASED LOCAL CONGESTION CONTROL SYSTEM FOR A DIFFERENTIATED SERVICES DOMAIN**
Your Ref. No.: 132,427
Our Ref. No.: ALC 1017

Dear John:

We have completed the patentability search at the U.S. Patent and Trademark Office regarding the above-identified invention. The field of search covered Class 370, subclass 392 and Class 709, subclasses 238, 239, 240, 241, 242, 243 and 244. A computer database search was conducted on the USPTO system WEST.

The search was directed towards a feedback-based local congestion control system for a differentiated services domain. In particular, the search focused on a method of routing using a label attached to an IP packet to determine a route between a pair of edge routers.

Please note the enclosed references:

U.S. Patent Number	Inventor(s)
4,736,363	Aubin et al.
4,901,277	Soloway et al.
5,088,032	Bosack
5,191,650	Kramer et al.

Con't U.S. Patent Number	Inventor(s)
5,377,327	Jain et al.
5,404,565	Gould et al.
5,426,674	Nemirovsky et al.
5,430,729	Rahnema
5,521,972	Iki
5,596,722	Rahnema
5,644,713	Makishima
5,870,564	Jensen et al.
5,881,241	Corbin
5,884,043	Teplitsky
5,918,017	Attanasio et al.
5,996,021	Civanlar et al.

Brief Description Of The References:

U.S. Patent Number 5,996,021 discloses an Internet protocol relay network for directly routing a datagram from an ingress router to an egress router. The ingress router attached a label to the IP packet which is used to forward the packet through the network.

U.S. Patent Number 5,377,327 discloses a congestion avoidance scheme for computer networks. This scheme flags packets associates with streams of traffic creating congestion conditions.

The remaining references are of general interest for showing various routing schemes which send packets through a predetermined route.

Although it is our opinion that the most relevant areas for this invention were reviewed, further searching may uncover additional patents. NOTE: The field of search included the most pertinent areas identified by our office as containing relevant patents.

Enclosed are copies of the cited references and our invoice for services rendered and disbursements for this matter.

As always, if you have any questions regarding this search, please do not hesitate to call us at (703) 413-3667.

Very truly yours,

Terry W. Kramer
Direct Dial (703) 413-3674
E-mail: tkramer@digipat.com

TWK:mdl
Enclosure